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(71) Applicant: **TOYOTA MOTOR CORP**

(72) Inventor: **MINAMI MITSURU**

(54) **CATALYST FOR EXHAUST-GAS PURIFICATION**

(57) Abstract:

PROBLEM TO BE SOLVED: To improve NOx-purification efficiency by increasing a carrying density of a precious metal around an NOX-occlusion substance.

SOLUTION: A porous oxide layer 11 is formed at least partly on NOX- occlusion substance particles 10, and a precious metal 12 is carried on the oxide layer 11. Since the particles 10 and the precious metal 12 are placed closely to each other, and also the density of the carried precious metal 12 near the NOX-occlusion substance particles 10 is made high, the NOX-occlusion reaction and the reduction reaction are accelerated.